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(54) THERMOPLASTIC ELASTOMER COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a thermoplastic elastomer composition excellent in flexibility, mechanical strength, thermofusing strength and profile extrusion molding processability, slight in stickiness of the products, and also slight in bleeding.

SOLUTION: This composition comprises the following four components 1 to 4: (1) 30–70 wt.% of a hydrogenated product with a weight-average molecular weight of 100,000–450,000 made from a block copolymer A made up of polymer block composed of vinyl aromatic hydrocarbon unit and polymer block B composed of conjugated diene unit, wherein the polymer block A accounts for 10–50 wt.% of the copolymer, (2) 70–30 wt.% of a hydrocarbon-based rubber flexibilizer, (3) 3–50 wt.% of a propylene-based polymer with a melt flow rate (MFR) of 0.01–100 g/10 min, and (4) 3–80 wt.% of a copolymer with a melt flow rate (MFR) of 1–40 g/10 min and density of 0.86–0.91 g/cm³ made from ethylene and a 4–20C α-olefin.

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